

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

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“Step Out From the Old to the New”

IS 10110 (1982): Table Spoon Terminal Device for Artificial Limbs [MHD 10: Medical Laboratory Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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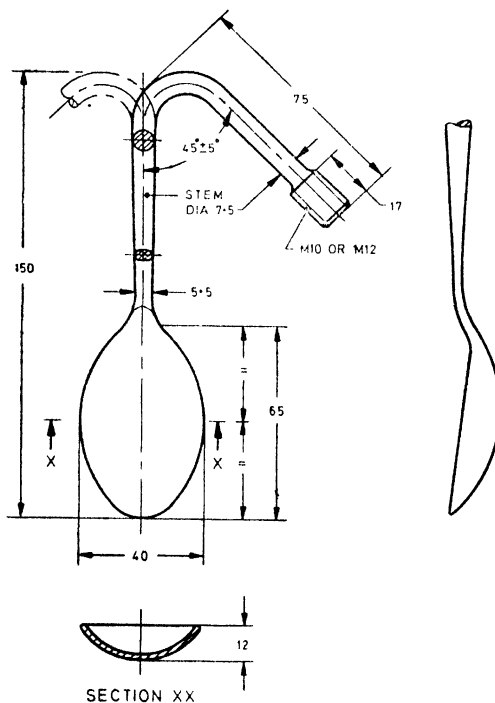
Indian Standard

SPECIFICATION FOR TABLE SPOON TERMINAL DEVICE FOR ARTIFICIAL LIMBS

1. Scope — Specifies the requirements for table spoon terminal device used by amputees of upper limbs.

2. Shape and Dimensions

2.1 The general shape and dimensions of the device shall be as given in Fig. 1.



All dimensions in millimetres.

FIG. 1 TABLE SPOON TERMINAL DEVICE FOR ARTIFICIAL LIMBS (RIGHT OR LEFT)

2.2 The end configuration size and angle may differ from Fig. 1 if agreed to between the purchaser and the supplier. However, the stem dimension and screw terminations to fit the adaptor shall not vary.

2.3 A deviation of ± 2.5 percent shall be permitted on all dimensions where otherwise not specified.

2.4 The mass of the instrument shall not exceed 60 g.

Adopted 26 February 1982

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INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

3. Materials

3.1 Stainless steel conforming to Grade 04 Cr 18 Ni 10 or 07 Cr 18 Ni 9 of IS : 6603-1972 ' Specification for stainless steel bars and flats '.

3.2 If cast, material used shall conform to Grade 1 or 2 of IS : 3444-1978 'Specification for corrosion resistant alloy steel and nickel based castings for general applications (*first revision*)'.

4. Workmanship and Finish

4.1 The device may be fabricated in single piece or as composite construction in two pieces.

4.2 When made by composite construction, welding or brazing shall be done using compatible stainless steel electrodes/rods.

4.3 All welded/brazed joints shall be dressed smooth.

4.4 All surfaces shall be finished smooth and free from sharp edges, nicks and projections. If cast, the castings shall be free from casting flaws.

4.5 It shall be buffed and polished bright.

5. Marking — The device shall be marked with the manufacturer's name, initials or recognized trade-mark. It shall also be marked with the words ' Right ' or ' Left '.

5.1 *ISI Certification Marking* — Details available with the Indian Standards Institution.

6. Packing — The device shall be wrapped in polyethylene bags and packed in card board cartons or as agreed to between the purchaser and the supplier.

AMENDMENT NO. 2 SEPTEMBER 1994
TO
IS 10110 : 1982 SPECIFICATION FOR TABLE SPOON
TERMINAL DEVICE FOR ARTIFICIAL LIMBS

(*Page 2, clause 3.2*) — Substitute the following for the existing clause:

'3.2 If cast, material used shall be of non-corrosive grade of stainless steel.'

(*Page 2, clause 4.1*) — Substitute the word 'three' for 'two'.

(MHD 10)

Reprography Unit, BIS, New Delhi, India

**AMENDMENT NO. 1 JANUARY 1993
TO
IS 10110 : 1982 SPECIFICATION FOR TABLE SPOON
TERMINAL DEVICE FOR ARTIFICIAL LIMBS**

(*Page 1, Fig. 1*):

- a) (*Length of stem*) — Substitute '75 to 80' for '75'.
- b) (*Diameter of stem*) — Substitute '8' for '7.5'.
- c) (*Length of thread*) — Substitute '15 to 20' for '17'.

(*Page 1, clause 2.2*) — Substitute the following for the existing clause:

'2.2 The end configuration size and angle may differ from Fig. 1, if agreed to between the purchaser and the supplier. The variation of the angle shall be 45° to 90°. However, the stem dimension and screw dimensions to fit the adaptor shall not vary.'

(*Page 2, clause 3.2*) — Insert the following new clause after 3.2:

'3.3 The adoption/stem may be of mild steel.'